

--ABSTRACT OF THE DISCLOSURE

A packet communication apparatus and a transmit power control method for achieving battery saving without increasing extra interference in other communication stations. A transmit power information extracting section extracts transmit power information from a received signal and outputs the information to a counter in a transmit power control section. According to the transmit power information, the transmit power control section provides an instruction for increasing or decreasing transmit power to a radio transmission section. However, when the transmit power control section receives the information for increasing the power a predetermined number of times successively, the transmit power information is stored in memory without increasing the transmit power of transmission units in a packet and this information is reflected collectively at the time of starting the transmission of a next packet.--